

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

Attorney Docket Number

Junbiao Zhang et al.

(Use as many sheets as necessary)

Sheet

1

of

2

PU030210

[illegible][illegible]

/David Czeka/

Date Considered

02/16/2009

* EXAMINER: Include if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Initial copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This document is confidential. Confidential information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to a file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number
 Filing Date
 First Named Inventor Junbiao Zhang et al.
 Art Unit
 Examiner Name
 Attorney Docket Number PU030210

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
/DC/	AC	F. Hartung et al: "Digital Watermarking of MPEG-2 Coded Video in the Bitstream Domain", ACOUSTICS, SPEECH AND SIGNAL PROCESSING, 1997, 1997 IEEE INTL CONFERENCE ON MUNICH, GERMANY, 21-24 APRIL 1997, pages 2621-2624	
/DC/	AD	T. Kalker et al: "A Video Watermarking System for Broadcast Monitoring" PROCEEDINGS OF THE SPIE, BELLINGHAM, VA, US, vol. 3657, 25 January 1999, pages 103-112	
/DC/	AE	Y-H Lee et al: "Perceptual Activity Measures Computed from Blocks in the Transform Domain", SIGNAL PROCESSING, AMSTERDAM, NL, vol. 82, no. 4, April 2002, pages 693-707	
/DC/	AF	S. Arena et al: "Digital Watermarking Applied to MPEG-2 Coded Video Sequences Exploiting Space and Frequency Masking" IEEE INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, vol. 1, 10 September 2000, pages 438-441	
/DC/	AG	M. Holliman et al: "Adaptive Public Watermarking of DCT-Based Compressed Images" PROCEEDINGS OF THE SPIE, BELLINGHAM, VA, US, vol. 3312, January 1998, pages 284-295	
/DC/	AH	C. Kim: "Adaptive Post-Filtering for Reducing Blocking and Ringing Artifacts in Low Bit-Rate Video Coding", SIGNAL PROCESSING, IMAGE COMMUNICATION, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 17, no. 7, August 2002, pages 525-535	
/DC/		COPY OF SEARCH REPORT DATED JANUARY 30, 2004	

Examiner Signature	/David Czekaj/	Date Considered	02/16/2009
--------------------	----------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.86. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.